

## Water Hardness

### Procedure

The basic procedure is described by Harris, “EDTA Titration of  $\text{Ca}^{2+}$  and  $\text{Mg}^{2+}$  in Natural Waters”

Remember to only make enough solution for your experiment!  
Use tap water as your unknown unless otherwise directed.

Modify the preparation of the buffer by reducing the amount of ammonia called for by half, then adding ammonia (IN THE HOOD!) until the appropriate pH is reached.